

METHOD AND APPARATUS FOR LOCALIZED PROTECTED IMAGING OF A FILE SYSTEM

Abstract of the Disclosure

A local imager (202) copies each allocation unit (302) occupied by a file (305) of a file system (102) to a locally-stored image file (204) within the same partition (104) as the file system (102). The allocation units (302) may be compressed as they are copied, resulting in a locally-stored image file (204) that occupies fewer allocation units (302) than the original file system (102). In addition, the local imager (202) adds a directory map (312) to the locally-stored image file (204) that associates copied allocation units (302) in the locally-stored image file (204) with names of corresponding files (305) from the file system (102).